

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takayoshi Ozaki</td> <td>09/13/2013</td> </tr> <tr> <td>Hiroyuki Yamada</td> <td>09/13/2013</td> </tr> <tr> <td>Ken Sugiura</td> <td>09/13/2013</td> </tr> <tr> <td>Takehisa Mori</td> <td>09/18/2013</td> </tr> <tr> <td>Takeshi Tsubouchi</td> <td>09/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Takayoshi Ozaki	09/13/2013	Hiroyuki Yamada	09/13/2013	Ken Sugiura	09/13/2013	Takehisa Mori	09/18/2013	Takeshi Tsubouchi	09/15/2013
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CORRESPONDENCE DATA													
<p>Fax Number: 7345420900  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 734-542-0900        Email: EAST@MSTFIRM.COM        Correspondent Name: MACMILLAN SOBANSKI &amp; TODD, LLC        Address Line 1: ONE MARITIME PLAZA FIFTH FLOOR        Address Line 2: 720 WATER STREET        Address Line 4: TOLEDO, OHIO 43604-1619</p>													
ATTORNEY DOCKET NUMBER:	18488												
NAME OF SUBMITTER:	Renee D. East												

CH \$40.00 14034730

Signature:	/Renee D. East/
Date:	09/24/2013
<b>Total Attachments: 5</b> source=Declaration_Mori_signed#page1.tif source=Declaration_Ozaki_signed#page1.tif source=Declaration_Sugiura_signed#page1.tif source=Declaration_Tsubouchi_signed#page1.tif source=Declaration_Yamada_signed#page1.tif	

**ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

<b>Title of Invention</b>	Rotation Drive Device and Centrifugal Pump Apparatus Employing Same
This declaration is directed to:	
<input checked="checked" type="checkbox"/> The attached application, or <input type="checkbox"/> United States application or PCT international application number _____ filed on _____	
The above-identified application was made or authorized to be made by me.	
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.	
Pursuant to my employment agreement heretofore made and/or by other contractual obligation of myself or my employer, and for valuable consideration which is hereby acknowledged, I hereby sell, assign and transfer unto THORATEC CORPORATION, having a place of business at 6035 Stoneridge Drive, Pleasanton, California 94588, USA, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, throughout the world, in and to the above-identified application and the inventions and discoveries thereof including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. <u>14/034730</u> , Filing Date <u>Sept. 24, 2013</u> ), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.	
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.	
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.	
<b>LEGAL NAME OF INVENTOR</b>	
Inventor: _____	Date: <u>September 18, 2013</u>
Signature: <u>Takehisa Mori</u>	
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.	

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LEGAL NAME OF INVENTOR		
Inventor: <u>Takayoshi Ozaki</u>	Date: <u>Sep 13, 2013</u>	
Signature: <u>Takayoshi Ozaki</u>		
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LEGAL NAME OF INVENTOR

Inventor: Ken Sugiyama Date: Sep. 13, 2013

Signature: [Signature]

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LEGAL NAME OF INVENTOR

Inventor: Takeishi Tsubouchi Date: September 15th 2013

Signature: \_\_\_\_\_

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LEGAL NAME OF INVENTOR

Inventor: Hirovaki Yamada Date: Sep. 13, 2013

Signature: Noriyuki Yamada

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